

Homework February 23, 2010

You do not have to use models. Just find the quotient.

- 9.** Use a model.

Find each quotient.

a) $5 \div \frac{2}{3}$

b) $4 \div \frac{3}{4}$

c) $\frac{1}{2} \div 5$

d) $\frac{5}{8} \div 2$

- 10.** Find each quotient. Use number lines to illustrate the answers.

a) How many $\frac{1}{4}$ -size sheets can be cut from 5 sheets of paper?

b) How many $\frac{2}{3}$ -cup servings are in 6 cups of fruit?

c) Janelle feeds her cat $\frac{4}{5}$ of a tin of cat food each day. Janelle has 12 tins of cat food. How many days' supply of cat food does Janelle have?

- 11.** Find each quotient. Use number lines to illustrate the answers.

a) Three-quarters of a whole pizza is shared equally among 5 people. What fraction of the whole pizza does each person get?

b) One-third of a carton of eggs is used to make a large omelette. How many large omelettes can be made from 4 cartons of eggs?

c) Brandon planted trees for $\frac{11}{12}$ h. He planted 5 trees. Assume Brandon took the same amount of time to plant each tree. What fraction of an hour did it take to plant 1 tree?